

# Nicolas DUPONT

Data Analyst/Engineer graduated from the IAFA Master's program, seeking employment

Eager for diverse knowledge and seeking new experiences, I wish to apply my skills in data management, data processing, data analysis, and artificial intelligence acquired during my studies to innovative projects, in France or abroad.

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📍 Toulouse, FRANCE

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## PROFESSIONAL EXPERIENCE

### Data Analyst Intern/Apprentice

Orange Innovation

05/2023 - 09/2024

Internal research and development entity of the Orange Group

Within the team responsible for the DevOps toolchain of the Orange group, I worked on leveraging data from the tools and services of the chain, particularly in a Logs4Ops approach.

#### Main Achievements

- Creation of usage analysis dashboards for services from logs, for the teams and the Product Owner
- Detection of bad practices and irregular usages from logs and cross-referencing with user databases to alert the concerned teams using Python scripts
- Installation of a pipeline for collecting Kubernetes environment variables as logs for exploitation in the Elastic Stack
- Implementation of a support chatbot from a GenAI platform using Retrieval-Augmented Generation techniques

### Kitchen Assistant/Waiter

Radisson Blu Resort & Spa Ajaccio Bay

07/2019 - 08/2019

Seasonal job that taught me teamwork and customer relations

## SKILLS

### PROGRAMMING

Python Java C SQL Shell

### TOOLS

Git Elastic Stack Prometheus Grafana GitLab CI/CD

MongoDB Office Suites

### KNOWLEDGE

Machine Learning Deep Learning

Natural Language Processing Database Management

Agile Project Management

### SOFT SKILLS

Autonomy Curiosity Adaptability Proactivity

### LANGUAGES

French (native) English (C1) German (B1)

Japanese (A2)

## EDUCATION

### Master's in Computer Science, specializing in Artificial Intelligence: Foundations and Applications (IAFA), Data and Knowledge specialization

Université Toulouse III - Paul Sabatier

2022 - 2024

The IAFA program aims to train students to a high level of mastery of the foundations of modern artificial intelligence, to develop their expertise in various fields, offering several specializations, one of which focuses on the management of structured data and its transformation into exploitable knowledge.

#### Main Courses

- Machine learning, neural networks, knowledge representation, automatic reasoning, natural language processing, database management, Big Data, graph mining

### Bachelor's in Computer Science

Université Toulouse III - Paul Sabatier

2017 - 2022

The computer science bachelor's degree, combining theory and practice according to international standards, provides a solid foundation in computer science while remaining adapted to a constantly evolving sector.

#### Main Courses

- Algorithms, programming, computer architecture, operating systems, networks, databases, logic, probabilities and statistics, artificial intelligence, human-machine interface, security, software engineering, project management

### Scientific Baccalaureate

Lycée Saint-Sernin, Toulouse

2017

Specialization in Life and Earth Sciences, Physics-Chemistry option

#### Honors

## PERSONAL INTERESTS

### SPORTS

Swimming Basketball Cycling

### PASTIMES

Reading Video Games History & Geography